



Appendix

SUBSTITUTE SPECIFICATION

Title of the Invention:

5 EXHAUST GAS PROCESSING SYSTEM

Background of the Invention:

<Technical Field>

The present invention relates to an exhaust gas processing apparatus
10 in which a decomposition and a chemical reaction of a harmful chemical
substance of an exhaust gas which is exhausted from a boiler, including Nox
(nitrogen oxides), a particle substance and hydrocarbon, and from an engine,
are promoted; and relates to a chemical work and an environment machine and
apparatus.

15 <Prior Art>

Up to now, a processing technique having a low cost and for processing
effectively NOx in an exhaust gas and fine particles in a harmful substance has
not been established. As a removal technique for NOx, a denitration
technology using ammonia is established for a fixed machine such as a boiler
20 and an engine, but this technique has not been employed in a moving machine,
such as an automobile, from an aspect of the safety.

For NOx removal from a diesel vehicle there has been performed a
high pressure injection into the engine, and there has been a configuration of a

Approved
SHV
Jan 11, 2005